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# Minnesota AgriView

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## MONTHLY PRICES

The September 2018 average price received by farmers for **corn** in Minnesota was \$3.10 per bushel. This was \$0.11 below the August price but \$0.11 above the September 2017 price.

The September 2018 average price received by farmers for **soybeans**, at \$8.32 per bushel, was down \$0.38 from the August price and down \$0.76 from the September 2017 price.

The September 2018 price for **spring wheat** was \$5.16 per bushel, down \$0.27 from August and down \$0.55 from September 2017.

**All hay** prices in Minnesota averaged \$104.00 per ton in September, up \$20.00 from the August price and \$14.00 per ton more than September 2017. The **alfalfa hay** price was \$120.00 per ton, up \$25.00 from August and \$22.00 above a year ago. The **other hay** price was \$80.00 per ton, \$7.00 above August and \$13.00 above a year ago.

The September average price for **milk** was \$17.50 per cwt, up \$1.00 from August but down \$0.50 per cwt from one year ago. Prices received for **milk cows** for dairy herd replacement averaged \$1,050 per head as of October 1, 2018.

### Prices Received by Farmers - Minnesota and United States

	Minnesota			United States		
	September 2017	August 2018	September 2018	September 2017	August 2018	September 2018
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Barley, all .....bu	(D)	4.15	4.21	4.32	4.53	4.49
Beans, dry edible .....cwt	31.10	(D)	26.50	27.10	26.30	25.70
Corn .....bu	2.99	3.21	3.10	3.27	3.36	3.39
Hay, all baled .....ton	90.00	84.00	104.00	137.00	161.00	163.00
Alfalfa .....ton	98.00	95.00	120.00	149.00	177.00	180.00
Other .....ton	67.00	73.00	80.00	114.00	130.00	130.00
Oats .....bu	2.05	2.18	2.34	2.56	2.47	2.62
Soybeans .....bu	9.08	8.70	8.32	9.35	8.59	8.77
Spring wheat .....bu	5.71	5.43	5.16	5.62	5.40	5.16
Sunflowers, all .....cwt	19.20	(D)	(D)	17.40	16.90	16.70
Milk, all .....cwt	18.00	16.50	17.50	17.90	15.90	16.70
Milk cows <sup>1,2</sup> .....head	1,560.00	1,170.00	1,050.00	1,610.00	1,320.00	1,230.00

(D) Withheld to avoid disclosing data for individual operations. <sup>1</sup> Animals sold for dairy herd replacement only. Prices available for January, April, July, and October. <sup>2</sup> Milk cow prices are for October 1, 2017, July 1, 2018, and October 1, 2018.

### Livestock Prices Received by Farmers – United States

	September 2017	August 2018	September 2018
	(dollars)	(dollars)	(dollars)
Calves .....cwt	173.00	160.00	169.00
Cattle, all beef .....cwt	105.00	110.00	108.00
Cows <sup>1</sup> .....cwt	69.90	63.00	60.80
Steers and heifers .....cwt	107.00	112.00	110.00
Hogs, all .....cwt	48.90	44.30	43.20
Barrows and gilts .....cwt	49.00	44.70	43.70
Sows .....cwt	45.50	34.00	28.60
Eggs (market) <sup>2</sup> .....doz	0.901	0.892	0.712

<sup>1</sup> Beef cows and cull dairy cows sold for slaughter.

<sup>2</sup> Mid-month price. Also referred to as table eggs.

### IN THIS ISSUE

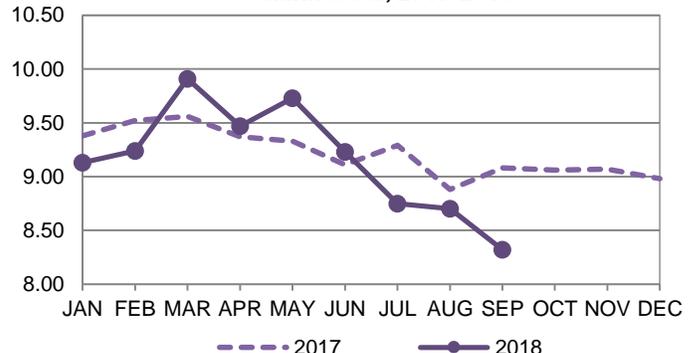
*Monthly Prices*

*Objective Yield*

*Crop Production*

*Chickens & Eggs*

Dollars per Bushel  
**Soybeans Price Received by Farmers, Minnesota, 2017-2018**



## OBJECTIVE YIELD SURVEYS

The National Agricultural Statistics Service conducted objective yield surveys in 10 corn-producing states and 11 soybeans-producing states during 2018. Randomly selected plots in soybean and corn for grain fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are rounded actual field counts from these surveys.

### Corn for Grain: Plant Population per Acre, Selected States, 2014-2017 and November 1, 2018

State	2014	2015	2016	2017	2018
	<i>(number of plants)</i>				
Iowa	30,800	31,450	31,050	31,150	31,100
<b>Minnesota</b>	<b>31,250</b>	<b>30,750</b>	<b>30,550</b>	<b>30,600</b>	<b>30,900</b>
Nebraska	26,200	26,700	26,000	25,700	26,750
Wisconsin	30,050	29,450	29,800	29,100	30,650

### Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width as of November 1, 2018, Selected States

State	Number Of Samples	Row Width (inches)						Average Row Width
		20.5 or Less	20.6 – 30.5	30.6 – 34.5	34.6 – 36.5	36.6 – 38.5	38.6 & Greater	
	<i>(number)</i>	<i>(percent)</i>						<i>(inches)</i>
Iowa	238	3.8	77.4	17.2	0.8	0.8	-	29.9
<b>Minnesota</b>	<b>115</b>	<b>1.7</b>	<b>82.6</b>	<b>11.3</b>	<b>2.6</b>	<b>0.9</b>	<b>0.9</b>	<b>29.3</b>
Nebraska	183	1.6	65.6	15.3	12.6	4.9	-	31.2
Wisconsin	101	-	75.2	21.8	-	3.0	-	30.2

- Represents zero.

### Soybeans: Pods with Beans per 18 Square Feet, Selected States, 2014-2017 and November 1, 2018

State	2014	2015	2016	2017	2018
	<i>(number of pods)</i>				
Iowa	1,768	1,834	1,890	1,735	2,082
<b>Minnesota</b>	<b>1,434</b>	<b>1,612</b>	<b>1,658</b>	<b>1,480</b>	<b>1,569</b>
Nebraska	1,743	1,884	2,074	1,853	2,174

### Soybeans: Percentage Distribution by Measured Row Width and Average Row Width as of November 1, 2018, Selected States

State	Number Of Samples	Row Width (inches)					Average Row Width
		10.0 & Less	10.1 – 18.5	18.6 – 28.5	28.6 – 34.5	34.6 & Greater	
	<i>(number)</i>	<i>(percent)</i>					<i>(inches)</i>
Iowa	177	4.8	36.7	10.2	45.5	2.8	22.8
<b>Minnesota</b>	<b>85</b>	<b>10.0</b>	<b>28.8</b>	<b>14.7</b>	<b>46.5</b>	-	<b>22.6</b>
Nebraska	101	5.9	27.2	10.9	48.1	7.9	24.3

- Represents zero.

## CROP PRODUCTION

Minnesota **corn** production is forecast at 1.37 billion bushels, down 7 percent from last year. Based on conditions as of November 1, yields are expected to average 184 bushels per acre, down 7 from the October 1 forecast and a decrease of 10 bushels per acre from last year. Corn planted acreage is estimated at 7.90 million acres with 7.45 million acres harvested for grain.

**Soybean** production is forecast at 386 million bushels, slightly above last year. The yield is forecast at 50.0 bushels per acre, unchanged from the October 1 forecast but 2.5 bushels above 2017. Soybean planted acreage is estimated at 7.80 million acres with 7.71 million acres to be harvested.

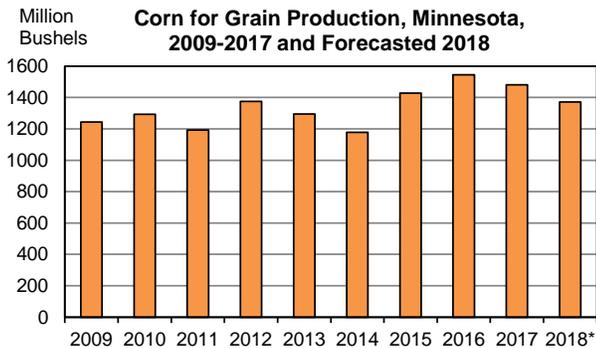
**Sugarbeet** production is estimated at 10.3 million tons, down 18 percent from the last year. Yield is forecast at 25.8 tons per acre, down 2.4 tons from the October 1 forecast, and down 4.8 tons from 2017. Acres expected to be harvested have decreased 9,000 acres from last year to 400,000 acres.

**Fall potato** production in Minnesota is forecast at 18.1 million hundredweight (cwt), down 2 percent from 2017. Yield is forecast at 420 cwt per acre, with an expected 43,000 acres harvested.

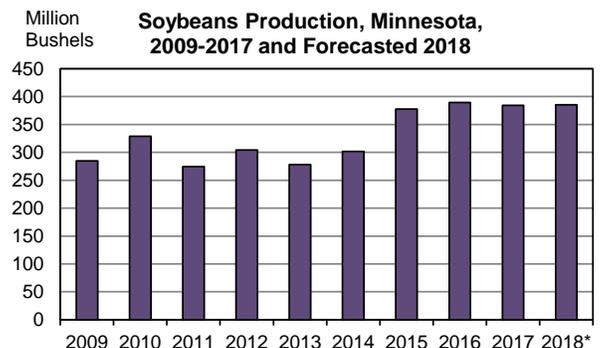
The forecasts in this report are based on November 1 conditions and do not reflect weather effects since that time. The next corn and soybean production estimates will be published in the *Crop Production – Annual Summary* report which will be released in January 2019.

## Area Harvested, Yield, and Production Summary – Minnesota and United States: 2017 and Forecasted November 1, 2018

Crop	Area Harvested		Yield per acre		Production	
	2017	2018	2017	2018	2017	2018
	(1,000 acres)	(1,000 acres)			(1,000)	(1,000)
<b>MINNESOTA</b>						
Corn .....	7,630	7,450	194.0	184.0	1,480,220	1,370,800
Potatoes, fall .....	45.5	43.0	405	420	18,428	18,060
Soybeans .....	8,090	7,710	47.5	50.0	384,275	385,500
Sugarbeets .....	409.0	400.0	30.6	25.8	12,515	10,320
<b>UNITED STATES</b>						
Corn .....	82,703	81,767	176.6	178.9	14,604,067	14,625,974
Potatoes, all .....	1,024.9	1,018.4	431	444	442,034	452,619
Potatoes, fall .....	901.7	913.1	444	457	400,565	417,482
Soybeans .....	89,522	88,343	49.3	52.1	4,410,673	4,599,530
Sugarbeets .....	1,114.1	1,098.8	31.7	30.5	35,325	33,504



\*Forecasted November 1, 2018



\*Forecasted November 1, 2018

### U.S. Corn Supply and Use <sup>1</sup>

CORN	2016-2017	2017-2018 (Est.)	2018-2019 <sup>2</sup> Projections November
	(million bushels)	(million bushels)	(million bushels)
Beginning stocks	1,737	2,293	2,140
Production	15,148	14,604	14,626
Imports	57	36	50
<b>Supply, total</b>	<b>16,942</b>	<b>16,934</b>	<b>16,816</b>
Feed & residual	5,470	5,298	5,500
Food, seed & industrial	6,885	7,058	7,130
<b>Domestic, total</b>	<b>12,355</b>	<b>12,355</b>	<b>12,630</b>
Exports	2,294	2,438	2,450
<b>Use, total</b>	<b>14,649</b>	<b>14,793</b>	<b>15,080</b>
<b>Ending stocks</b>	<b>2,293</b>	<b>2,140</b>	<b>1,736</b>
Avg. Farm price (\$/bu)	3.36	3.36	3.20 - 4.00

<sup>1</sup> Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm> <sup>2</sup> Preliminary

U.S. corn production is forecast at 14.6 billion bushels, down 1 percent from the October forecast but up less than 1 percent from last year. Based on conditions as of November 1, yields are expected to average 178.9 bushels per acre, down 1.8 bushels from the October forecast but up 2.3 bushels from 2017. If realized, this will be the highest yield and second highest production on record for the United States. Area harvested for grain is forecast at 81.8 million acres, unchanged from the previous estimate but down 1 percent from 2017.

U.S. soybean production is forecast at a record 4.60 billion bushels, down 2 percent from the October forecast but up 4 percent from last year. Based on November 1 conditions, yields are expected to average 52.1 bushels per acre, down 1.0 bushel from last month but up 2.8 bushels from last year. Area for harvest in the United States is forecast at 88.3 million acres, down slightly from last month.

### U.S. Wheat Supply and Use <sup>1</sup>

WHEAT	2016-2017	2017-2018 (Est.)	2018-2019 <sup>2</sup> Projections November
	(million bushels)	(million bushels)	(million bushels)
Beginning stocks	976	1,181	1,099
Production	2,309	1,740	1,884
Imports	118	157	140
<b>Supply, total</b>	<b>3,402</b>	<b>3,078</b>	<b>3,123</b>
Food	949	964	970
Seed	61	63	69
Feed & residual	161	50	110
<b>Domestic, total</b>	<b>1,171</b>	<b>1,078</b>	<b>1,149</b>
Exports	1,051	901	1,025
<b>Use, total</b>	<b>2,222</b>	<b>1,979</b>	<b>2,174</b>
<b>Ending stocks</b>	<b>1,181</b>	<b>1,099</b>	<b>949</b>
Avg. Farm price (\$/bu)	3.89	4.72	4.90 - 5.30

<sup>1</sup> Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm> <sup>2</sup> Preliminary

### U.S. Soybean Supply and Use <sup>1</sup>

SOYBEANS	2016-2017	2017-2018 (Est.)	2018-2019 <sup>2</sup> Projections November
	(million bushels)	(million bushels)	(million bushels)
Beginning stocks	197	302	438
Production	4,296	4,411	4,600
Imports	22	22	25
<b>Supply, total</b>	<b>4,515</b>	<b>4,734</b>	<b>5,063</b>
Crushings	1,901	2,055	2,080
Exports	2,166	2,129	1,900
Seed	105	104	96
Residual	41	8	32
<b>Use, total</b>	<b>4,214</b>	<b>4,296</b>	<b>4,107</b>
<b>Ending stocks</b>	<b>302</b>	<b>438</b>	<b>955</b>
Avg. Farm price (\$/bu)	9.47	9.33	7.60 - 9.60

<sup>1</sup> Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm> <sup>2</sup> Preliminary

## CHICKENS & EGGS

278 million eggs, down 2 percent from last month but up 13 percent from last year. The average number of **all layers on hand** during September 2018 was 11.2 million, down 1 percent from last month but up 9 percent from last year. **Eggs per 100 layers** for September were 2,473, down 2 percent from last month but up 4 percent from last year.

United States egg production totaled 8.91 billion during September 2018, up 4 percent from last year. Production included 7.76 billion table eggs, and 1.15 billion hatching eggs, of which 1.07 billion were broiler-type and 85.5 million were egg-type. The average number of layers during September 2018 totaled 386 million, up 3 percent from last year. September egg production per 100 layers was 2,309 eggs, up 1 percent from September 2017.

All layers in the United States on October 1, 2018 totaled 386 million, up 2 percent from last year. The 386 million layers consisted of 325 million layers producing table or market type eggs, 57.3 million layers producing broiler-type hatching eggs, and 3.47 million layers producing egg-type hatching eggs. Rate of lay per day on October 1, 2018, averaged 76.8 eggs per 100 layers, up 1 percent from October 1, 2017.

Egg-type chicks hatched during September 2018 totaled 49.6 million, up 16 percent from September 2017. Eggs in incubators totaled 51.7 million on October 1, 2018, up 11 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 188 thousand during September 2018, down 1 percent from September 2017.

Broiler-type chicks hatched during September 2018 totaled 787 million, down slightly from September 2017. Eggs in incubators totaled 649 million on October 1, 2018, down slightly from a year ago.

### Layers on Hand and Eggs Produced – States and United States: During September 2017 and 2018

[Data may not add to totals due to rounding. Data by type of flock not shown for some states to avoid disclosing individual operations, data included in United States totals.]

State	Table egg layers in flocks 30,000 & above		All layers on hand		Eggs per 100 layers		Total egg production		Table egg production	
	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	1,376	1,315	9,301	9,548	1,862	1,865	173.2	178.1	34.8	32.3
Arkansas .....	3,879	3,968	13,944	13,899	2,005	2,030	279.6	282.1	97.5	100.8
California .....	13,100	14,000	13,731	14,648	2,325	2,434	319.3	356.5	(D)	(D)
Colorado .....	4,249	4,363	4,651	4,765	2,415	2,537	112.3	120.9	(D)	(D)
Florida .....	6,829	6,985	7,266	7,402	2,164	2,197	157.2	162.6	151.9	157.2
Georgia .....	9,392	8,922	19,242	19,307	2,024	2,058	389.4	397.3	210.7	204.9
Illinois .....	4,413	5,036	4,882	5,495	2,425	2,429	118.4	133.5	114.0	129.8
Indiana .....	32,306	31,892	33,155	32,721	2,369	2,374	785.6	776.8	769.6	761.7
Iowa .....	53,846	56,419	55,271	57,827	2,322	2,343	1,283.6	1,354.6	1,267.3	1,335.7
Maryland .....	2,647	2,587	2,807	2,738	2,426	2,367	68.1	64.8	67.1	63.9
Michigan .....	13,820	15,643	14,041	15,865	2,463	2,394	345.8	379.8	(D)	(D)
<b>Minnesota .....</b>	<b>9,805</b>	<b>10,750</b>	<b>10,285</b>	<b>11,236</b>	<b>2,383</b>	<b>2,473</b>	<b>245.1</b>	<b>277.9</b>	<b>239.1</b>	<b>271.7</b>
Mississippi .....	1,432	1,455	5,555	5,516	2,115	2,078	117.5	114.6	37.7	35.8
Missouri .....	6,267	7,724	9,848	11,385	2,280	2,368	224.5	269.6	(D)	(D)
Nebraska .....	7,484	7,921	7,753	8,239	2,418	2,502	187.5	206.1	183.6	200.2
New York .....	5,064	4,921	5,432	5,311	2,548	2,487	138.4	132.1	(D)	(D)
North Carolina .....	7,038	4,675	15,284	12,587	2,113	2,066	322.9	260.0	172.9	113.7
Ohio .....	29,910	31,654	30,817	32,647	2,351	2,383	724.4	778.1	(D)	(D)
Oregon .....	2,221	2,109	2,360	2,248	2,585	2,585	61.0	58.1	61.0	58.1
Pennsylvania .....	25,751	25,744	27,643	27,860	2,434	2,430	672.8	677.0	646.0	646.6
South Carolina .....	3,059	3,214	4,291	4,432	2,272	2,051	97.5	90.9	74.9	69.1
South Dakota .....	2,307	2,654	2,449	2,796	2,364	2,486	57.9	69.5	57.9	69.5
Texas .....	17,445	17,699	21,694	22,002	2,189	2,204	474.8	485.0	(D)	(D)
Utah .....	4,965	4,516	5,003	4,554	2,471	2,505	123.6	114.1	123.6	114.1
Virginia .....	862	778	2,589	2,412	2,240	2,065	58.0	49.8	27.7	20.3
Washington .....	6,963	6,896	7,128	7,061	2,431	2,485	173.3	175.5	(D)	(D)
Wisconsin .....	5,780	5,996	6,463	6,679	2,240	2,390	144.8	159.6	(D)	(D)
Other States <sup>1</sup> .....	23,873	25,310	32,863	34,579	2,196	2,268	721.8	784.1	592.4	650.8
United States .....	306,083	315,146	375,748	385,759	2,283	2,309	8,578.3	8,909.0	7,456.6	7,756.3

(D) Withheld to avoid disclosing data for individual operations. <sup>1</sup> Includes data for states not published in this table.